

ABSTRACT

A vehicle detector and classifier comprises a plurality of electrically conductive loops 1 arranged substantially in a plane perpendicular to a road surface, for detecting vehicle 5 wheels. The loops can be arranged in a transverse, vertical slot 2 and housed in a flexible enclosure. An electronic circuit 3, including an oscillator, can be positioned adjacent each loop 1 in the slot 2 to energise and monitor the loop. The detector preferably also includes a conventional loop 10 arranged substantially in the plane of the road surface, for detecting vehicle bodies, and means for superposing the results obtained from the conventional and vertical loops to aid in classifying detected vehicles.

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